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\* \* \* \* \* Welcome to STN International \* \* \* \* \*

|              |  |        |   |
|--------------|--|--------|---|
| NEWS         | 1  |        | Web Page URLs for STN Seminar Schedule - N. America                             |
| NEWS         | 2  |        | "Ask CAS" for self-help around the clock  |
| NEWS         | 3  | DEC 21 | IPC search and display fields enhanced in CA/CAplus with the IPC reform         |
| NEWS         | 4  | DEC 23 | New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2                 |
| NEWS         | 5  | JAN 13 | IPC 8 searching in IFIPAT, IFIUDB, and IFICDB                                   |
| NEWS         | 6  | JAN 13 | New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC             |
| NEWS         | 7  | JAN 17 | Pre-1988 INPI data added to MARPAT  |
| NEWS         | 8  | JAN 17 | IPC 8 in the WPI family of databases including WPIFV                            |
| NEWS         | 9  | JAN 30 | Saved answer limit increased  |
| NEWS         | 10   | JAN 31 | Monthly current-awareness alert (SDI) frequency added to TULSA                  |
| NEWS         | 11   | FEB 21 | STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results |
| NEWS         | 12   | FEB 22 | Status of current WO (PCT) information on STN                                   |
| NEWS         | 13   | FEB 22 | The IPC thesaurus added to additional patent databases on STN                   |
| NEWS         | 14   | FEB 22 | Updates in EPFULL; IPC 8 enhancements added                                     |
| NEWS         | 15   | FEB 27 | New STN AnaVist pricing effective March 1, 2006                                 |
| NEWS         | 16   | FEB 28 | MEDLINE/LMEDLINE reload improves functionality                                  |
| NEWS         | 17   | FEB 28 | TOXCENTER reloaded with enhancements  |
| NEWS         | 18   | FEB 28 | REGISTRY/ZREGISTRY enhanced with more experimental spectral property data       |
| NEWS         | 19   | MAR 01 | INSPEC reloaded and enhanced  |
| NEWS         | 20   | MAR 03 | Updates in PATDPA; addition of IPC 8 data without attributes                    |
| NEWS         | 21   | MAR 08 | X.25 communication option no longer available after June 2006                   |
|              |  |        |   |
| NEWS EXPRESS | FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT <a href="http://download.cas.org/express/v8.0-Discover/">http://download.cas.org/express/v8.0-Discover/</a> |        |   |
|              |  |        |   |
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 14:00:17 ON 21 MAR 2006

=> file biosis

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'BIOSIS' ENTERED AT 14:00:23 ON 21 MAR 2006

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FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT

FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 15 March 2006 (20060315/ED)

=> s hederagenin and glutamate

301 HEDERAGENIN

3 HEDERAGENINS

302 HEDERAGENIN

(HEDERAGENIN OR HEDERAGENINS)

84250 GLUTAMATE

506 GLUTAMATES

84540 GLUTAMATE

(GLUTAMATE OR GLUTAMATES)

L1

0 HEDERAGENIN AND GLUTAMATE

=> s hederagenin and pd<20020828

301 HEDERAGENIN

3 HEDERAGENINS

302 HEDERAGENIN

(HEDERAGENIN OR HEDERAGENINS)

13192190 PD<20020828

(PD<20020828)

L2

266 HEDERAGENIN AND PD<20020828

=> s l2 and ("SAPINDUS TRIFOLIATUS" or "Sapindus emarginatus" or "Sapindus laurifolius" or "threeleaf soapberry" or "soap nut" or Aritha or Ritha or Phenila)

236 "SAPINDUS"

73 "TRIFOLIATUS"

40 "SAPINDUS TRIFOLIATUS"

("SAPINDUS" (W) "TRIFOLIATUS")

236 "SAPINDUS"

409 "EMARGINATUS"

25 "SAPINDUS EMARGINATUS"

("SAPINDUS" (W) "EMARGINATUS")

236 "SAPINDUS"

129 "LAURIFOLIUS"

8 "SAPINDUS LAURIFOLIUS"

("SAPINDUS" (W) "LAURIFOLIUS")

0 "THREELEAF"

26 "SOAPBERRY"

0 "THREELEAF SOAPBERRY"

("THREELEAF" (W) "SOAPBERRY")

```

2193 "SOAP"
655 "SOAPS"
2645 "SOAP"
      ("SOAP" OR "SOAPS")
6263 "NUT"
3270 "NUTS"
8357 "NUT"
      ("NUT" OR "NUTS")
8 "SOAP NUT"
      ("SOAP" (W) "NUT")
0 ARITHA
7 RITHA
0 PHENILA
L3 3 L2 AND ("SAPINDUS TRIFOLIATUS" OR "SAPINDUS EMARGINATUS" OR
      "SAPINDUS LAURIFOLIUS" OR "THREELEAF SOAPBERRY" OR "SOAP NUT"
      OR ARITHA OR RITHA OR PHENILA)

```

=> d l3 1-3 ti

```

L3 ANSWER 1 OF 3 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI Acetylated triterpene saponins from the Thai medicinal plant,
Sapindus emarginatus.

```

```

L3 ANSWER 2 OF 3 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI EMARGINATOSIDES B AND C TWO NEW SAPONINS FROM SAPINDUS-
EMARGINATUS FRUITS.

```

```

L3 ANSWER 3 OF 3 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI CHEMICAL INVESTIGATION OF INDIAN SOAPNUT-D SAPINDUS-
LAURIFOLIUS-D.

```

=> d l3 2 and 3 ibib  
'AND' IS NOT A VALID FORMAT FOR FILE 'BIOSIS'

The following are valid formats:

The default display format is BIB.

```

ABS ----- AB
ALL ----- AN, DN, TI, AU, CS, PI, SO, DT, FS, LA, OS, ED, AB,
            NCL, CC, IT (CT, ST), GT, ORGN, RN, CN, GEN
BIB ----- AN, DN, TI, AU, CS, PI, SO, DT, FS, LA, OS, ED
CBIB ----- AN, compressed bibliographic information
DALL ----- ALL, delimited for post-processing
IABS ----- ABS, with text label
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IIND ----- IND, indented with text labels
IND ----- NCL, CC, IT (CT, ST), GT, ORGN, RN, CN, GEN
HIT ----- all fields containing hit search terms
HITIND ----- IND
KWIC ----- Hit terms plus 20 words on either side
OCC ----- number of occurrences of hit terms and fields
            in which they occur

```

Hit terms will be highlighted in all available fields except MY and PY.

To display a particular field or fields, enter the display field

codes. For a list of display field codes, enter 'HELP DFIELDS' at an arrow prompt (=>). Examples of formats include: 'BIB'; 'AB'; 'SO'. You may specify the format fields in any order, and the information will be displayed in the same order as the format specification.

The same formats (except for HIT, HITIND, KWIC, and OCC) may be used with the DISPLAY ACC command to display the record for a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):ibib

L3 ANSWER 2 OF 3 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
ACCESSION NUMBER: 1990:200994 BIOSIS Full-text  
DOCUMENT NUMBER: PREV199089107665; BA89:107665  
TITLE: EMARGINATOSIDES B AND C TWO NEW SAPONINS FROM  
SAPINDUS-EMARGINATUS FRUITS.  
AUTHOR(S): GUPTA D R [Reprint author]; AHMED B  
CORPORATE SOURCE: DEP CHEM, UNIV ROORKEE, ROORKEE 247 667  
SOURCE: Indian Journal of Chemistry Section B Organic Chemistry  
Including Medicinal Chemistry, (1990) Vol. 29,  
No. 3, pp. 268-270.  
CODEN: IJSBDB. ISSN: 0376-4699.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: ENGLISH  
ENTRY DATE: Entered STN: 24 Apr 1990  
Last Updated on STN: 24 Apr 1990

L3 ANSWER 3 OF 3 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
ACCESSION NUMBER: 1970:101170 BIOSIS Full-text  
DOCUMENT NUMBER: PREV197051011170; BA51:11170  
TITLE: CHEMICAL INVESTIGATION OF INDIAN SOAPNUT-D SAPINDUS  
-LAURIFOLIUS-D.  
AUTHOR(S): MAITI P C; ROY S; ROY A  
SOURCE: Experientia (Basel), (1968) Vol. 24, No. 11, pp.  
1091.  
CODEN: EXPEAM. ISSN: 0014-4754.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: Unavailable

=> s ("SAPINDUS TRIFOLIATUS" or "Sapindus emarginatus" or "Sapindus laurifolius" or  
"threeleaf soapberry" or "soap nut" or Aritha or Ritha or Phenila) and glutamate  
236 "SAPINDUS"  
73 "TRIFOLIATUS"  
40 "SAPINDUS TRIFOLIATUS"  
("SAPINDUS" (W) "TRIFOLIATUS")  
236 "SAPINDUS"  
409 "EMARGINATUS"  
25 "SAPINDUS EMARGINATUS"  
("SAPINDUS" (W) "EMARGINATUS")  
236 "SAPINDUS"  
129 "LAURIFOLIUS"  
8 "SAPINDUS LAURIFOLIUS"  
("SAPINDUS" (W) "LAURIFOLIUS")  
0 "THREELEAF"  
26 "SOAPBERRY"  
0 "THREELEAF SOAPBERRY"  
("THREELEAF" (W) "SOAPBERRY")

```

2193 "SOAP"
655 "SOAPS"
2645 "SOAP"
      ("SOAP" OR "SOAPS")
6263 "NUT"
3270 "NUTS"
8357 "NUT"
      ("NUT" OR "NUTS")
      8 "SOAP NUT"
        ("SOAP" (W) "NUT")
      0 ARITHA
      7 RITHA
      0 PHENILA
84250 GLUTAMATE
506 GLUTAMATES
84540 GLUTAMATE
      (GLUTAMATE OR GLUTAMATES)
L4      0 ("SAPINDUS TRIFOLIATUS" OR "SAPINDUS EMARGINATUS" OR "SAPINDUS
        LAURIFOLIUS" OR "THREELEAF SOAPBERRY" OR "SOAP NUT" OR ARITHA
        OR RITHA OR PHENILA) AND GLUTAMATE

=> s hederagenin and receptor
      301 HEDERAGENIN
      3 HEDERAGENINS
      302 HEDERAGENIN
        (HEDERAGENIN OR HEDERAGENINS)
      713724 RECEPTOR
      346324 RECEPTORS
      848366 RECEPTOR
        (RECEPTOR OR RECEPTORS)
L5      0 HEDERAGENIN AND RECEPTOR

=> s hederagenin and agonist
      301 HEDERAGENIN
      3 HEDERAGENINS
      302 HEDERAGENIN
        (HEDERAGENIN OR HEDERAGENINS)
      121483 AGONIST
      63151 AGONISTS
      156118 AGONIST
        (AGONIST OR AGONISTS)
L6      0 HEDERAGENIN AND AGONIST

=> s hederagenin and nasal
      301 HEDERAGENIN
      3 HEDERAGENINS
      302 HEDERAGENIN
        (HEDERAGENIN OR HEDERAGENINS)
      42481 NASAL
      139 NASALS
      42582 NASAL
        (NASAL OR NASALS)
L7      0 HEDERAGENIN AND NASAL

=> s ("SAPINDUS TRIFOLIATUS" or "Sapindus emarginatus" or "Sapindus laurifolius" or
"threeleaf soapberry" or "soap nut" or Aritha or Ritha or Phenila) and glutamate
and nasal
      236 "SAPINDUS"
      73 "TRIFOLIATUS"
      40 "SAPINDUS TRIFOLIATUS"

```

```

        ("SAPINDUS" (W) "TRIFOLIATUS")
236 "SAPINDUS"
409 "EMARGINATUS"
  25 "SAPINDUS EMARGINATUS"
        ("SAPINDUS" (W) "EMARGINATUS")
236 "SAPINDUS"
129 "LAURIFOLIUS"
   8 "SAPINDUS LAURIFOLIUS"
        ("SAPINDUS" (W) "LAURIFOLIUS")
   0 "THREELEAF"
  26 "SOAPBERRY"
   0 "THREELEAF SOAPBERRY"
        ("THREELEAF" (W) "SOAPBERRY")
2193 "SOAP"
  655 "SOAPS"
2645 "SOAP"
        ("SOAP" OR "SOAPS")
6263 "NUT"
3270 "NUTS"
8357 "NUT"
        ("NUT" OR "NUTS")
   8 "SOAP NUT"
        ("SOAP" (W) "NUT")
   0 ARITHA
   7 RITHA
   0 PHENILA
84250 GLUTAMATE
  506 GLUTAMATES
84540 GLUTAMATE
        (GLUTAMATE OR GLUTAMATES)
42481 NASAL
  139 NASALS
42582 NASAL
        (NASAL OR NASALS)
L8      0 ("SAPINDUS TRIFOLIATUS" OR "SAPINDUS EMARGINATUS" OR "SAPINDUS
        LAURIFOLIUS" OR "THREELEAF SOAPBERRY" OR "SOAP NUT" OR ARITHA
        OR RITHA OR PHENILA) AND GLUTAMATE AND NASAL

```

=> s ("SAPINDUS TRIFOLIATUS" or "Sapindus emarginatus" or "Sapindus laurifolius" or "threeleaf soapberry" or "soap nut" or Aritha or Ritha or Phenila) and nasal

```

236 "SAPINDUS"
  73 "TRIFOLIATUS"
  40 "SAPINDUS TRIFOLIATUS"
        ("SAPINDUS" (W) "TRIFOLIATUS")
236 "SAPINDUS"
409 "EMARGINATUS"
  25 "SAPINDUS EMARGINATUS"
        ("SAPINDUS" (W) "EMARGINATUS")
236 "SAPINDUS"
129 "LAURIFOLIUS"
   8 "SAPINDUS LAURIFOLIUS"
        ("SAPINDUS" (W) "LAURIFOLIUS")
   0 "THREELEAF"
  26 "SOAPBERRY"
   0 "THREELEAF SOAPBERRY"
        ("THREELEAF" (W) "SOAPBERRY")
2193 "SOAP"
  655 "SOAPS"
2645 "SOAP"
        ("SOAP" OR "SOAPS")

```

```

6263 "NUT"
3270 "NUTS"
8357 "NUT"
      ("NUT" OR "NUTS")
      8 "SOAP NUT"
        ("SOAP"(W) "NUT")
      0 ARITHA
      7 RITHA
      0 PHENILA
42481 NASAL
      139 NASALS
42582 NASAL
      (NASAL OR NASALS)
L9      0 ("SAPINDUS TRIFOLIATUS" OR "SAPINDUS EMARGINATUS" OR "SAPINDUS
        LAURIFOLIUS" OR "THREELEAF SOAPBERRY" OR "SOAP NUT" OR ARITHA
        OR RITHA OR PHENILA) AND NASAL

```

=> file caplus

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST  | 8.78             | 8.99          |

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 FILE LAST UPDATED: 20 Mar 2006 (20060320/ED)

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<http://www.cas.org/infopolicy.html>

```

=> s l2 and ("SAPINDUS TRIFOLIATUS" or "Sapindus emarginatus" or "Sapindus
laurifolius" or "threeleaf soapberry" or "soap nut" or Aritha or Ritha or Phenila)
      730 HEDERAGENIN
      6 HEDERAGENINS
      732 HEDERAGENIN
        (HEDERAGENIN OR HEDERAGENINS)
22653148 PD<20020828
        (PD<20020828)
      366 "SAPINDUS"
      71 "TRIFOLIATUS"
      43 "SAPINDUS TRIFOLIATUS"
        ("SAPINDUS"(W) "TRIFOLIATUS")
      366 "SAPINDUS"
      37 "EMARGINATUS"

```

21 "SAPINDUS EMARGINATUS"  
     ("SAPINDUS" (W) "EMARGINATUS")  
 366 "SAPINDUS"  
 137 "LAURIFOLIUS"  
     15 "SAPINDUS LAURIFOLIUS"  
         ("SAPINDUS" (W) "LAURIFOLIUS")  
         0 "THREELEAF"  
         18 "SOAPBERRY"  
             1 "SOAPBERRIES"  
         18 "SOAPBERRY"  
             ("SOAPBERRY" OR "SOAPBERRIES")  
         0 "THREELEAF SOAPBERRY"  
             ("THREELEAF" (W) "SOAPBERRY")  
 44215 "SOAP"  
 32502 "SOAPS"  
 56887 "SOAP"  
     ("SOAP" OR "SOAPS")  
 10273 "NUT"  
     5661 "NUTS"  
 13785 "NUT"  
     ("NUT" OR "NUTS")  
     28 "SOAP NUT"  
         ("SOAP" (W) "NUT")  
         0 ARITHA  
         7 RITHA  
         0 PHENILA  
 L10      8 L2 AND ("SAPINDUS TRIFOLIATUS" OR "SAPINDUS EMARGINATUS" OR  
             "SAPINDUS LAURIFOLIUS" OR "THREELEAF SOAPBERRY" OR "SOAP NUT"  
             OR ARITHA OR RITHA OR PHENILA)

=> d l10 1-8 ti

L10 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Acetylated triterpene saponins from the Thai medicinal plant,  
     *Sapindus emarginatus*  
  
 L10 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Emarginatosides B and C: two new saponins from *Sapindus*  
     *emarginatus* fruits  
  
 L10 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Saponins of *Sapindus emarginatus*  
  
 L10 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Chemistry of *Terminalia* species. VIII. Partial synthesis of arjunolic acid  
  
 L10 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Saponins from Indian soapnuts  
  
 L10 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI A note on the saponin from *Sapindus laurifolius*  
  
 L10 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Saponin series. II. The saponin of soapnuts  
  
 L10 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Saponins. I. The sapogenin obtained from soapnuts

=> d l10 3 ibib



L10 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 1966:412505 CAPLUS Full-text  
 DOCUMENT NUMBER: 65:12505  
 ORIGINAL REFERENCE NO.: 65:2309f-h,2310a  
 TITLE: Saponins of *Sapindus emarginatus*  
 AUTHOR(S): Row, L. Ramachandra; Rukamini, C.  
 CORPORATE SOURCE: Andhra Univ., Waltair  
 SOURCE: Indian Journal of Chemistry (1966), 4(3),  
 149-50  
 CODEN: IJOCAP; ISSN: 0019-5103  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

=> s ("SAPINDUS TRIFOLIATUS" or "Sapindus emarginatus" or "Sapindus laurifolius" or  
 "threeleaf soapberry" or "soap nut" or Aritha or Ritha or Phenila)

366 "SAPINDUS"  
 71 "TRIFOLIATUS"  
 43 "SAPINDUS TRIFOLIATUS"  
 ("SAPINDUS" (W) "TRIFOLIATUS")  
 366 "SAPINDUS"  
 37 "EMARGINATUS"  
 21 "SAPINDUS EMARGINATUS"  
 ("SAPINDUS" (W) "EMARGINATUS")  
 366 "SAPINDUS"  
 137 "LAURIFOLIUS"  
 15 "SAPINDUS LAURIFOLIUS"  
 ("SAPINDUS" (W) "LAURIFOLIUS")  
 0 "THREELEAF"  
 18 "SOAPBERRY"  
 1 "SOAPBERRIES"  
 18 "SOAPBERRY"  
 ("SOAPBERRY" OR "SOAPBERRIES")  
 0 "THREELEAF SOAPBERRY"  
 ("THREELEAF" (W) "SOAPBERRY")  
 44215 "SOAP"  
 32502 "SOAPS"  
 56887 "SOAP"  
 ("SOAP" OR "SOAPS")  
 10273 "NUT"  
 5661 "NUTS"  
 13785 "NUT"  
 ("NUT" OR "NUTS")  
 28 "SOAP NUT"  
 ("SOAP" (W) "NUT")  
 0 ARITHA  
 7 RITHA  
 0 PHENILA

L11 102 ("SAPINDUS TRIFOLIATUS" OR "SAPINDUS EMARGINATUS" OR "SAPINDUS  
 LAURIFOLIUS" OR "THREELEAF SOAPBERRY" OR "SOAP NUT" OR ARITHA  
 OR RITHA OR PHENILA)

=> s l11 and nasal  
 18682 NASAL  
 1 NASALS  
 18683 NASAL  
 (NASAL OR NASALS)

L12 2 L11 AND NASAL

=> s 112 and pd<20020828  
22653148 PD<20020828  
(PD<20020828)  
L13 1 L12 AND PD<20020828

=> d 113 ti

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
TI Antimigraine combination comprising Sapindus and Emblica extracts

=> d 113 ibib

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2001:868238 CAPLUS Full-text  
DOCUMENT NUMBER: 135:376806  
TITLE: Antimigraine combination comprising Sapindus and  
Emblica extracts  
INVENTOR(S): Gupta, Desh Bandhu; Chikara, Jitendra  
PATENT ASSIGNEE(S): Lupin Laboratories Limited, India  
SOURCE: PCT Int. Appl., 46 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

| PATENT NO.  | KIND | DATE   | APPLICATION NO. | DATE         |
|---|------|--|-----------------|--------------|
| -----   | ---- | -----  | -----           | -----        |
| WO 2001089544   | A1   | 20011129   | WO 2000-IN57    | 20000525 <-- |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |  |                 |              |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  |      |  |                 |              |
| CA 2409051  | AA   | 20011129   | CA 2000-2409051 | 20000525 <-- |
| EP 1284744  | A1   | 20030226   | EP 2000-946262  | 20000525     |
| EP 1284744  | B1   | 20040728   |                 |              |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL   |      |  |                 |              |
| JP 2003535830   | T2   | 20031202   | JP 2001-585788  | 20000525     |
| AT 271877   | E    | 20040815   | AT 2000-946262  | 20000525     |
| PRIORITY APPLN. INFO.:  |      |  | WO 2000-IN57    | W 20000525   |
| REFERENCE COUNT: 2  |      | THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT |                 |              |

=> s ("SAPINDUS TRIFOLIATUS" or "Sapindus emarginatus" or "Sapindus laurifolius" or "threeleaf soapberry" or "soap nut" or Aritha or Ritha or Phenila) and (bind or binding or receptor or agonist of channel)  
366 "SAPINDUS"  
71 "TRIFOLIATUS"  
43 "SAPINDUS TRIFOLIATUS"  
( "SAPINDUS" (W) "TRIFOLIATUS" )  
366 "SAPINDUS"  
37 "EMARGINATUS"

```

21 "SAPINDUS EMARGINATUS"
    ("SAPINDUS" (W) "EMARGINATUS")
366 "SAPINDUS"
137 "LAURIFOLIUS"
15 "SAPINDUS LAURIFOLIUS"
    ("SAPINDUS" (W) "LAURIFOLIUS")
0 "THREELEAF"
18 "SOAPBERRY"
1 "SOAPBERRIES"
18 "SOAPBERRY"
    ("SOAPBERRY" OR "SOAPBERRIES")
0 "THREELEAF SOAPBERRY"
    ("THREELEAF" (W) "SOAPBERRY")
44215 "SOAP"
32502 "SOAPS"
56887 "SOAP"
    ("SOAP" OR "SOAPS")
10273 "NUT"
5661 "NUTS"
13785 "NUT"
    ("NUT" OR "NUTS")
28 "SOAP NUT"
    ("SOAP" (W) "NUT")
0 ARITHA
7 RITHA
0 PHENILA
125818 BIND
86372 BINDS
194929 BIND
    (BIND OR BINDS)
912263 BINDING
1988 BINDINGS
912828 BINDING
    (BINDING OR BINDINGS)
642382 RECEPTOR
589068 RECEPTORS
764535 RECEPTOR
    (RECEPTOR OR RECEPTORS)
104928 AGONIST
78606 AGONISTS
143510 AGONIST
    (AGONIST OR AGONISTS)
260302 CHANNEL
150682 CHANNELS
329857 CHANNEL
    (CHANNEL OR CHANNELS)
154 AGONIST OF CHANNEL
    (AGONIST (1W) CHANNEL)
L14 4 ("SAPINDUS TRIFOLIATUS" OR "SAPINDUS EMARGINATUS" OR "SAPINDUS
    LAURIFOLIUS" OR "THREELEAF SOAPBERRY" OR "SOAP NUT" OR ARITHA
    OR RITHA OR PHENILA) AND (BIND OR BINDING OR RECEPTOR OR AGONIST
    OF CHANNEL)

```

=> l14 and pd<20020828

L14 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> s l14 and pd<20020828

```

22653148 PD<20020828
      (PD<20020828)
L15      0 L14 AND PD<20020828

=> s hederagenin and (bind or binding or receptor or agonist of channel)
      730 HEDERAGENIN
      6 HEDERAGENINS
      732 HEDERAGENIN
          (HEDERAGENIN OR HEDERAGENINS)
      125818 BIND
      86372 BINDS
      194929 BIND
          (BIND OR BINDS)
      912263 BINDING
      1988 BINDINGS
      912828 BINDING
          (BINDING OR BINDINGS)
      642382 RECEPTOR
      589068 RECEPTORS
      764535 RECEPTOR
          (RECEPTOR OR RECEPTORS)
      104928 AGONIST
      78606 AGONISTS
      143510 AGONIST
          (AGONIST OR AGONISTS)
      260302 CHANNEL
      150682 CHANNELS
      329857 CHANNEL
          (CHANNEL OR CHANNELS)
      154 AGONIST OF CHANNEL
          (AGONIST(1W)CHANNEL)
L16      6 HEDERAGENIN AND (BIND OR BINDING OR RECEPTOR OR AGONIST OF CHANN
          EL)

```

```

=> d l16 and pd<20020828
'AND' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'
'PD<20020828' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

```

The following are valid formats:

```

ABS ----- GI and AB
ALL ----- BIB, AB, IND, RE
APPS ----- AI, PRAI
BIB ----- AN, plus Bibliographic Data and PI table (default)
CAN ----- List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
CLASS ----- IPC, NCL, ECLA, FTERM
DALL ----- ALL, delimited (end of each field identified)
DMAX ----- MAX, delimited for post-processing
FAM ----- AN, PI and PRAI in table, plus Patent Family data
FBIB ----- AN, BIB, plus Patent FAM
IND ----- Indexing data
IPC ----- International Patent Classifications
MAX ----- ALL, plus Patent FAM, RE
PATS ----- PI, SO
SAM ----- CC, SX, TI, ST, IT
SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
          SCAN must be entered on the same line as the DISPLAY,
          e.g., D SCAN or DISPLAY SCAN)
STD ----- BIB, CLASS

```

IABS ----- ABS, indented with text labels  
 IALL ----- ALL, indented with text labels  
 IBIB ----- BIB, indented with text labels  
 IMAX ----- MAX, indented with text labels  
 ISTD ----- STD, indented with text labels  
  
 OBIB ----- AN, plus Bibliographic Data (original)  
 OIBIB ----- OBIB, indented with text labels  
  
 SBIB ----- BIB, no citations  
 SIBIB ----- IBIB, no citations  
  
 HIT ----- Fields containing hit terms  
 HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)  
                   containing hit terms  
 HITRN ----- HIT RN and its text modification  
 HITSTR ----- HIT RN, its text modification, its CA index name, and  
                   its structure diagram  
 HITSEQ ----- HIT RN, its text modification, its CA index name, its  
                   structure diagram, plus NTE and SEQ fields  
 FHITSTR ----- First HIT RN, its text modification, its CA index name, and  
                   its structure diagram  
 FHITSEQ ----- First HIT RN, its text modification, its CA index name, its  
                   structure diagram, plus NTE and SEQ fields  
 KWIC ----- Hit term plus 20 words on either side  
 OCC ----- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):s 116 and pd<20020828  
 'S' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

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ABS ----- GI and AB  
 ALL ----- BIB, AB, IND, RE  
 APPS ----- AI, PRAI  
 BIB ----- AN, plus Bibliographic Data and PI table (default)  
 CAN ----- List of CA abstract numbers without answer numbers  
 CBIB ----- AN, plus Compressed Bibliographic Data  
 CLASS ----- IPC, NCL, ECLA, FTERM  
 DALL ----- ALL, delimited (end of each field identified)  
 DMAX ----- MAX, delimited for post-processing  
 FAM ----- AN, PI and PRAI in table, plus Patent Family data  
 FBIB ----- AN, BIB, plus Patent FAM  
 IND ----- Indexing data  
 IPC ----- International Patent Classifications  
 MAX ----- ALL, plus Patent FAM, RE  
 PATS ----- PI, SO  
 SAM ----- CC, SX, TI, ST, IT  
 SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;

SCAN must be entered on the same line as the DISPLAY,  
e.g., D SCAN or DISPLAY SCAN)

STD ----- BIB, CLASS

IABS ----- ABS, indented with text labels  
 IALL ----- ALL, indented with text labels  
 IBIB ----- BIB, indented with text labels  
 IMAX ----- MAX, indented with text labels  
 ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)  
 OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations  
 SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms  
 HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)  
                   containing hit terms  
 HITRN ----- HIT RN and its text modification  
 HITSTR ----- HIT RN, its text modification, its CA index name, and  
                   its structure diagram  
 HITSEQ ----- HIT RN, its text modification, its CA index name, its  
                   structure diagram, plus NTE and SEQ fields  
 FHITSTR ----- First HIT RN, its text modification, its CA index name, and  
                   its structure diagram  
 FHITSEQ ----- First HIT RN, its text modification, its CA index name, its  
                   structure diagram, plus NTE and SEQ fields  
 KWIC ----- Hit term plus 20 words on either side  
 OCC ----- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.  
 ENTER DISPLAY FORMAT (BIB):ti

L16 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Evaluation of bioactive saponins and triterpenoidal aglycons for their  
     binding properties on human endothelin ETA and angiotensin AT1  
     receptors

=> s 116 and pd<20020828  
     22653148 PD<20020828  
         (PD<20020828)  
 L17           3 L16 AND PD<20020828

=> d 117 ti

L17 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Modulation of in vitro biomarkers of the carcinogenic process by  
     chemopreventive agents

=> d 117 1-3 ti

L17 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

TI Modulation of in vitro biomarkers of the carcinogenic process by chemopreventive agents

L17 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

TI Triterpenoid glucuronide saponins from root bark of Aralia armata

L17 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

TI Inhibition of human leukocyte elastase by ursolic acid. Evidence for a binding site for pentacyclic triterpenes

=> d 117 1, 3 ibib

L17 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:298047 CAPLUS Full-text

DOCUMENT NUMBER: 131:110996

TITLE: Modulation of in vitro biomarkers of the carcinogenic process by chemopreventive agents

AUTHOR(S): Lee, Sang Kook; Song, Lynda; Mata-Greenwood, Eugenia; Kelloff, Gary J.; Steele, Vernon E.; Pezzuto, John M.

CORPORATE SOURCE: Program for Collaborative Research in the Pharmaceutical Sciences, College of Pharmacy, University of Illinois at Chicago, Chicago, IL, 60612, USA

SOURCE: Anticancer Research (1999), 19(1A), 35-44

CODEN: ANTRD4; ISSN: 0250-7005

PUBLISHER: International Institute of Anticancer Research

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1991:553700 CAPLUS Full-text

DOCUMENT NUMBER: 115:153700

TITLE: Inhibition of human leukocyte elastase by ursolic acid. Evidence for a binding site for pentacyclic triterpenes

AUTHOR(S): Ying, Qi Long; Rinehart, Alex R.; Simon, Sanford R.; Cheronis, John C.

CORPORATE SOURCE: Dep. Pathol., State Univ. New York, Stony Brook, NY, 11794, USA

SOURCE: Biochemical Journal (1991), 277(2), 521-6

CODEN: BIJOAK; ISSN: 0306-3275

DOCUMENT TYPE: Journal

LANGUAGE: English

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

121.60

130.59

STN INTERNATIONAL LOGOFF AT 14:08:18 ON 21 MAR 2006

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PASSWORD:

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| NEWS         | 2  | JUL 02          | LMEDLINE coverage updated  |
| NEWS         | 3  | JUL 02          | SCISEARCH enhanced with complete author names  |
| NEWS         | 4  | JUL 02          | CHEMCATS accession numbers revised   |
| NEWS         | 5  | JUL 02          | CA/CAPplus enhanced with utility model patents from China  |
| NEWS         | 6  | JUL 16          | CAplus enhanced with French and German abstracts   |
| NEWS         | 7  | JUL 18          | CA/CAPplus patent coverage enhanced  |
| NEWS         | 8  | JUL 26          | USPATFULL/USPAT2 enhanced with IPC reclassification  |
| NEWS         | 9  | JUL 30          | USGENE now available on STN  |
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| NEWS         | 11 | AUG 06          | FSTA enhanced with new thesaurus edition   |
| NEWS         | 12 | AUG 13          | CA/CAPplus enhanced with additional kind codes for granted patents   |
| NEWS         | 13 | AUG 20          | CA/CAPplus enhanced with CAS indexing in pre-1907 records  |
| NEWS         | 14 | AUG 27          | Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB   |
| NEWS         | 15 | AUG 27          | USPATOLD now available on STN  |
| NEWS         | 16 | AUG 28          | CAS REGISTRY enhanced with additional experimental spectral property data  |
| NEWS         | 17 | SEP 07          | STN AnaVist, Version 2.0, now available with Derwent World Patents Index   |
| NEWS         | 18 | SEP 13          | FORIS renamed to SOFIS   |
| NEWS         | 19 | SEP 13          | INPADOCDB enhanced with monthly SDI frequency  |
| NEWS         | 20 | SEP 17          | CA/CAPplus enhanced with printed CA page images from 1967-1998   |
| NEWS         | 21 | SEP 17          | CAplus coverage extended to include traditional medicine patents   |
| NEWS         | 22 | SEP 24          | EMBASE, EMBAL, and LEMBASE reloaded with enhancements  |
| NEWS         | 23 | OCT 02          | CA/CAPplus enhanced with pre-1907 records from Chemisches Zentralblatt   |
| NEWS         | 24 | OCT 19          | BEILSTEIN updated with new compounds   |
| NEWS         | 25 | NOV 15          | Derwent Indian patent publication number format enhanced   |
| NEWS         | 26 | NOV 19          | WPIX enhanced with XML display format  |
| NEWS         | 27 | NOV 30          | ICSD reloaded with enhancements  |
| NEWS EXPRESS | 19 | SEPTEMBER 2007: | CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007. |
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FILE 'HOME' ENTERED AT 13:46:27 ON 03 DEC 2007

=> file biosis

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'BIOSIS' ENTERED AT 13:46:40 ON 03 DEC 2007

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FILE COVERS 1926 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT  
FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 28 November 2007 (20071128/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

=> s ("Sapindus trifoliatus" or soapnut or soaptree or "soap nut" or "soap tree" or "soap berry" or soapberry) and pd<20020828

```
328 "SAPINDUS"
95 "TRIFOLIATUS"
45 "SAPINDUS TRIFOLIATUS"
   ("SAPINDUS" (W) "TRIFOLIATUS")
21 SOAPNUT
6 SOAPTREE
3657 "SOAP"
1196 "SOAPS"
4494 "SOAP"
   ("SOAP" OR "SOAPS")
8653 "NUT"
4615 "NUTS"
11675 "NUT"
   ("NUT" OR "NUTS")
13 "SOAP NUT"
   ("SOAP" (W) "NUT")
3657 "SOAP"
1196 "SOAPS"
4494 "SOAP"
   ("SOAP" OR "SOAPS")
122702 "TREE"
107711 "TREES"
188558 "TREE"
   ("TREE" OR "TREES")
7 "SOAP TREE"
   ("SOAP" (W) "TREE")
3657 "SOAP"
1196 "SOAPS"
```

```

4494 "SOAP"
      ("SOAP" OR "SOAPS")
6435 "BERRY"
5024 "BERRIES"
9685 "BERRY"
      ("BERRY" OR "BERRIES")
5 "SOAP BERRY"
      ("SOAP" (W) "BERRY")
36 SOAPBERRY
15048929 PD<20020828
      (PD<20020828)
L1      88 ("SAPINDUS TRIFOLIATUS" OR SOAPNUT OR SOAPTREE OR "SOAP NUT" OR
          "SOAP TREE" OR "SOAP BERRY" OR SOAPBERRY) AND PD<20020828

```

```

=> s l1 and hederagenin
      337 HEDERAGENIN
      3 HEDERAGENINS
      338 HEDERAGENIN
          (HEDERAGENIN OR HEDERAGENINS)
L2      5 L1 AND HEDERAGENIN

```

```

=> d l2 1-5 ti

```

```

L2 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI CHEMICAL INVESTIGATION OF INDIAN SOAPNUT-D SAPINDUS-LAURIFOLIUS-
D.

```

```

L2 ANSWER 2 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI A phytochemical study of the soapberry tree. 5. A study of the
leaves of the soapberry tree [Russ. summ.].
Original Title: Fitokhimichne vyvchennya myl'noho dereva. V. Vyvchennya
lysty myl'noho dereva [Russ. summ.].

```

```

L2 ANSWER 3 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI A phytochemical study of the soapberry tree. A study of the
saponins of the soapberry tree [Russ. summ.].
Original Title: Fitokhimichne vyvchennya myl'noho dereva. IV. Vyvchennya
saponinivmyl'noho dereva [Russ. summ.].

```

```

L2 ANSWER 4 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI A phytochemical study of the Chinese soapberry. 3. A study of
the saponins of the pericarp of the Chinese soa-berry [Russ. summ.].
Original Title: Fito-phimichne vyvchennya myl'noho dereva. 3. Vyvchennya
saponiniv oplodnya myl'noho dereva [Russ. summ.].

```

```

L2 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI A note on the saponin from Sapindus laurifolius, Vahl.

```

```

=> d l2 1-5 ibib

```

```

L2 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
ACCESSION NUMBER: 1970:101170 BIOSIS Full-text
DOCUMENT NUMBER: PREV197051011170; BA51:11170
TITLE: CHEMICAL INVESTIGATION OF INDIAN SOAPNUT-D
SAPINDUS-LAURIFOLIUS-D.
AUTHOR(S): MAITI P C; ROY S; ROY A
SOURCE: Experientia (Basel), (1968) Vol. 24, No. 11, pp.
1091.
CODEN: EXPEAM. ISSN: 0014-4754.

```

DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: Unavailable

L2 ANSWER 2 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
ACCESSION NUMBER: 1967:30646 BIOSIS Full-text  
DOCUMENT NUMBER: PREV19674800030646; BA48:30646  
TITLE: A phytochemical study of the soapberry tree. 5. A  
study of the leaves of the soapberry tree [Russ.  
summ.].  
Original Title: Fitokhimichne vyvchennya myl'noho dereva.  
V. Vyvchennya lystya myl'noho dereva [Russ. summ.].  
AUTHOR(S): ZKOVA, N. Ya.  
CORPORATE SOURCE: Khar'kov, Pharm. Inst., Khar'kov, USSR  
SOURCE: FARM ZH, (1966) Vol. 21, No. 3, pp. 51-53.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: Unavailable  
ENTRY DATE: Entered STN: May 2007  
Last Updated on STN: May 2007

L2 ANSWER 3 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
ACCESSION NUMBER: 1966:114507 BIOSIS Full-text  
DOCUMENT NUMBER: PREV19664700114510; BA47:114510  
TITLE: A phytochemical study of the soapberry tree. A  
study of the saponins of the soapberry tree  
[Russ. summ.].  
Original Title: Fitokhimichne vyvchennya myl'noho dereva.  
IV. Vyvchennya saponinivmyl'noho dereva [Russ. summ.].  
AUTHOR(S): ZIKOVA, N. Ya; KRIVENCHUK, P. Ye.  
CORPORATE SOURCE: Khar'kov Pharm. Inst., Khar'kov, USSR  
SOURCE: FARM ZH, (1965) Vol. 20, No. 4, pp. 27-30.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: Unavailable  
ENTRY DATE: Entered STN: May 2007  
Last Updated on STN: May 2007

L2 ANSWER 4 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
ACCESSION NUMBER: 1966:39471 BIOSIS Full-text  
DOCUMENT NUMBER: PREV19664700039473; BA47:39473  
TITLE: A phytochemical study of the Chinese soapberry.  
3. A study of the saponins of the pericarp of the Chinese  
soa-berry [Russ. summ.].  
Original Title: Fito-phimichne vyvchennya myl'noho dereva.  
3. Vyvchennya saponiniv oplodnya myl'noho dereva [Russ.  
summ.].  
AUTHOR(S): ZYKOVA, N. Ya.; KRYVENCHUK, P. Ye.  
CORPORATE SOURCE: Dep. Drug Technol. Galenicals, Khar'kov Pharm. Inst.,  
Khar'kov, USSR  
SOURCE: FARM ZH, (1965) Vol. 50, No. 1, pp. 66-70.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: Unavailable  
ENTRY DATE: Entered STN: May 2007  
Last Updated on STN: May 2007

L2 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
ACCESSION NUMBER: 1949:16636 BIOSIS Full-text  
DOCUMENT NUMBER: PREV19492300016786; BA23:16786

TITLE: A note on the saponin from *Sapindus laurifolius*, Vahl.  
 AUTHOR(S): BISWAS, H. G.  
 CORPORATE SOURCE: Bengal Chem. and Pharm. Works, Ltd., Calcutta  
 SOURCE: JOUR INDIAN CHEM SOC, (1948) Vol. 25, No. 3, pp.  
 151-152.  
 DOCUMENT TYPE: Article  
 FILE SEGMENT: BA  
 LANGUAGE: Unavailable  
 ENTRY DATE: Entered STN: May 2007  
 Last Updated on STN: May 2007

=> s l1 and (anticonvulsant or epileptic or epilepsy or antiepileptic or antiepilepsy or seizure or antiseizure)

38154 ANTICONVULSANT  
 3671 ANTICONVULSANTS  
 39751 ANTICONVULSANT  
 (ANTICONVULSANT OR ANTICONVULSANTS)  
 20278 EPILEPTIC  
 1587 EPILEPTICS  
 21326 EPILEPTIC  
 (EPILEPTIC OR EPILEPTICS)  
 64910 EPILEPSY  
 3464 EPILEPSIES  
 65595 EPILEPSY  
 (EPILEPSY OR EPILEPSIES)  
 10197 ANTIEPILEPTIC  
 583 ANTIEPILEPTICS  
 10529 ANTIEPILEPTIC  
 (ANTIEPILEPTIC OR ANTIEPILEPTICS)  
 97 ANTIEPILEPSY  
 42231 SEIZURE  
 51015 SEIZURES  
 67965 SEIZURE  
 (SEIZURE OR SEIZURES)  
 274 ANTISEIZURE  
 3 ANTISEIZURES  
 277 ANTISEIZURE  
 (ANTISEIZURE OR ANTISEIZURES)

L3 1 L1 AND (ANTICONVULSANT OR EPILEPTIC OR EPILEPSY OR ANTIEPILEPTIC OR ANTIEPILEPSY OR SEIZURE OR ANTISEIZURE)

=> d l3 1 ti

L3 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 TI Phytochemical and pharmacological studies on seeds of *Sapindus trifoliatus*.

=> d l3 1 ibib

L3 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 ACCESSION NUMBER: 1996:528429 BIOSIS Full-text  
 DOCUMENT NUMBER: PREV199699250785  
 TITLE: Phytochemical and pharmacological studies on seeds of *Sapindus trifoliatus*.  
 AUTHOR(S): Gupta, S. K. [Reprint author]; Kharya, M. D.  
 CORPORATE SOURCE: Dr. K.N. Modi Inst. Pharmaceutical Educ. and Res.,  
 Modinagar-201204, India  
 SOURCE: Indian Journal of Natural Products, (1996) Vol.

12, No. 1, pp. 3-8.  
CODEN: IJNPET. ISSN: 0970-129X.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 22 Nov 1996  
Last Updated on STN: 23 Nov 1996

=> file caplus

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST  | 15.55            | 15.76         |

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FILE COVERS 1907 - 3 Dec 2007 VOL 147 ISS 24  
FILE LAST UPDATED: 2 Dec 2007 (20071202/ED)

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<http://www.cas.org/infopolicy.html>

=> s 13

THE ESTIMATED SEARCH COST FOR FILE 'CAPLUS' IS 38.19 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

431 "SAPINDUS"  
93 "TRIFOLIATUS"  
52 "SAPINDUS TRIFOLIATUS"  
("SAPINDUS" (W) "TRIFOLIATUS")  
29 SOAPNUT  
13 SOAPNUTS  
36 SOAPNUT  
(SOAPNUT OR SOAPNUTS)  
0 SOAPTREE  
47175 "SOAP"  
34356 "SOAPS"  
60547 "SOAP"  
("SOAP" OR "SOAPS")  
13358 "NUT"  
6723 "NUTS"  
17509 "NUT"  
("NUT" OR "NUTS")  
34 "SOAP NUT"  
("SOAP" (W) "NUT")  
47175 "SOAP"

```

34356 "SOAPS"
60547 "SOAP"
      ("SOAP" OR "SOAPS")
64362 "TREE"
45849 "TREES"
92487 "TREE"
      ("TREE" OR "TREES")
  12 "SOAP TREE"
      ("SOAP" (W) "TREE")
47175 "SOAP"
34356 "SOAPS"
60547 "SOAP"
      ("SOAP" OR "SOAPS")
  7929 "BERRY"
  5874 "BERRIES"
11470 "BERRY"
      ("BERRY" OR "BERRIES")
   6 "SOAP BERRY"
      ("SOAP" (W) "BERRY")
  21 SOAPBERRY
   1 SOAPBERRIES
  21 SOAPBERRY
      (SOAPBERRY OR SOAPBERRIES)
22764851 PD<20020828
      (PD<20020828)
16339 ANTICONVULSANT
21267 ANTICONVULSANTS
26421 ANTICONVULSANT
      (ANTICONVULSANT OR ANTICONVULSANTS)
  6501 EPILEPTIC
   586 EPILEPTICS
  6884 EPILEPTIC
      (EPILEPTIC OR EPILEPTICS)
20198 EPILEPSY
   588 EPILEPSIES
20262 EPILEPSY
      (EPILEPSY OR EPILEPSIES)
  7137 ANTIEPILEPTIC
  7703 ANTIEPILEPTICS
12629 ANTIEPILEPTIC
      (ANTIEPILEPTIC OR ANTIEPILEPTICS)
   62 ANTIEPILEPSY
15953 SEIZURE
17430 SEIZURES
24545 SEIZURE
      (SEIZURE OR SEIZURES)
  338 ANTISEIZURE
   1 ANTISEIZURES
  339 ANTISEIZURE
      (ANTISEIZURE OR ANTISEIZURES)
L4      1 L1 AND (ANTICONVULSANT OR EPILEPTIC OR EPILEPSY OR ANTIEPILEPTIC
      OR ANTIEPILEPSY OR SEIZURE OR ANTISEIZURE)

```

=> d l4 1 ti

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Phytochemical and pharmacological studies on seeds of *Sapindus*  
*trifoliatus*

=> s 12

THE ESTIMATED SEARCH COST FOR FILE 'CAPLUS' IS 26.13 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

```
431 "SAPINDUS"
93 "TRIFOLIATUS"
52 "SAPINDUS TRIFOLIATUS"
    ("SAPINDUS" (W) "TRIFOLIATUS")
29 SOAPNUT
13 SOAPNUTS
36 SOAPNUT
    (SOAPNUT OR SOAPNUTS)
0 SOAPTREE
47175 "SOAP"
34356 "SOAPS"
60547 "SOAP"
    ("SOAP" OR "SOAPS")
13358 "NUT"
6723 "NUTS"
17509 "NUT"
    ("NUT" OR "NUTS")
34 "SOAP NUT"
    ("SOAP" (W) "NUT")
47175 "SOAP"
34356 "SOAPS"
60547 "SOAP"
    ("SOAP" OR "SOAPS")
64362 "TREE"
45849 "TREES"
92487 "TREE"
    ("TREE" OR "TREES")
12 "SOAP TREE"
    ("SOAP" (W) "TREE")
47175 "SOAP"
34356 "SOAPS"
60547 "SOAP"
    ("SOAP" OR "SOAPS")
7929 "BERRY"
5874 "BERRIES"
11470 "BERRY"
    ("BERRY" OR "BERRIES")
6 "SOAP BERRY"
    ("SOAP" (W) "BERRY")
21 SOAPBERRY
1 SOAPBERRIES
21 SOAPBERRY
    (SOAPBERRY OR SOAPBERRIES)
22764851 PD<20020828
    (PD<20020828)
794 HEDERAGENIN
6 HEDERAGENINS
796 HEDERAGENIN
    (HEDERAGENIN OR HEDERAGENINS)
L5      7 L1 AND HEDERAGENIN
```

=> d 17 1-5 ti

L7 NOT FOUND

The L-number entered has not been defined in this session, or it has been deleted. To see the L-numbers currently defined in this session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> d 15 1-7 ti

L5 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Action of Chinese soapberry saponins on blood pressure and  
cholesterol content in animals

L5 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Chemistry of Terminalia species. VIII. Partial synthesis of arjunolic acid

L5 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Saponins from Indian soapnuts

L5 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
TI A note on the saponin from Sapindus laurifolius

L5 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Polyterpenes and polyterpenoids. CX. Conversion of gypsogenin into  
hederagenin

L5 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Saponin series. II. The saponin of soapnuts

L5 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Saponins. I. The sapogenin obtained from soapnuts

=> d 15 1-7 ibib

L5 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1967:93780 CAPLUS Full-text  
DOCUMENT NUMBER: 66:93780  
ORIGINAL REFERENCE NO.: 66:17518h,17519a  
TITLE: Action of Chinese soapberry saponins on  
blood pressure and cholesterol content in animals  
AUTHOR(S): Efimova, T. G.; Pivnenko, G. P.; Kutsevich, V. A.;  
Zikova, N. Ya.  
SOURCE: Farmatsevtichnii Zhurnal (Kiev) (1966),  
21(6), 45-9  
CODEN: FRZKAP; ISSN: 0367-3057  
DOCUMENT TYPE: Journal  
LANGUAGE: Ukrainian

L5 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1963:441855 CAPLUS Full-text  
DOCUMENT NUMBER: 59:41855  
ORIGINAL REFERENCE NO.: 59:7567h,7568a-d  
TITLE: Chemistry of Terminalia species. VIII. Partial  
synthesis of arjunolic acid  
AUTHOR(S): Row, L. Ramachandra; Rukmini, C.; Rao, G. S. R. Subba  
CORPORATE SOURCE: Andhra Univ., Waltair, India  
SOURCE: J. Indian Chem. Soc. (1963), 40, 311-14  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

L5 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1955:3190 CAPLUS Full-text  
DOCUMENT NUMBER: 49:3190  
ORIGINAL REFERENCE NO.: 49:646f-g  
TITLE: Saponins from Indian soapnuts  
AUTHOR(S): Gedeon, J.



CORPORATE SOURCE: Natl. Chem. Lab. India, Poona  
SOURCE: Journal of Scientific & Industrial Research (1954), 13B, 427-8  
CODEN: JSIRAC; ISSN: 0022-4456  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

L5 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1949:5247 CAPLUS Full-text  
DOCUMENT NUMBER: 43:5247  
ORIGINAL REFERENCE NO.: 43:1156e-f  
TITLE: A note on the saponin from Sapindus laurifolius  
AUTHOR(S): Biswas, H. G.  
SOURCE: J. Indian Chem. Soc. (1948), 25, 151-2  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

L5 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1937:30622 CAPLUS Full-text  
DOCUMENT NUMBER: 31:30622  
ORIGINAL REFERENCE NO.: 31:4305e-i,4306a-i  
TITLE: Polyterpenes and polyterpenoids. CX. Conversion of gypsogenin into hederagenin  
AUTHOR(S): Ruzicka, L.; Giacomello, G.  
SOURCE: Helvetica Chimica Acta (1937), 20, 299-309  
CODEN: HCACAV; ISSN: 0018-019X  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

L5 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1931:45656 CAPLUS Full-text  
DOCUMENT NUMBER: 25:45656  
ORIGINAL REFERENCE NO.: 25:5171d-g  
TITLE: Saponin series. II. The saponin of soapnuts  
AUTHOR(S): Winterstein, Alfred; Meyer, Jean  
SOURCE: Z. physiol. Chem. (1931), 199, 37-46  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

L5 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1925:15774 CAPLUS Full-text  
DOCUMENT NUMBER: 19:15774  
ORIGINAL REFERENCE NO.: 19:2056f-i  
TITLE: Saponins. I. The sapogenin obtained from soapnuts  
AUTHOR(S): Jacobs, W. A.  
SOURCE: Journal of Biological Chemistry (1925), 63, 621-9  
CODEN: JBCHA3; ISSN: 0021-9258  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

=> d hist full

(FILE 'HOME' ENTERED AT 13:46:27 ON 03 DEC 2007)

FILE 'BIOSIS' ENTERED AT 13:46:40 ON 03 DEC 2007

L1 88 SEA ABB=ON PLU=ON ("SAPINDUS TRIFOLIATUS" OR SOAPNUT OR SOAPTREE OR "SOAP NUT" OR "SOAP TREE" OR "SOAP BERRY" OR

L2                    SOAPBERRY) AND PD<20020828  
                     5 SEA ABB=ON PLU=ON L1 AND HEDERAGENIN  
                         D L2 1-5 TI  
                         D L2 1-5 IBIB  
 L3                    1 SEA ABB=ON PLU=ON L1 AND (ANTICONVULSANT OR EPILEPTIC OR  
                         EPILEPSY OR ANTIEPILEPTIC OR ANTIEPILEPSY OR SEIZURE OR  
                         ANTISEIZURE)  
                         D L3 1 TI  
                         D L3 1 IBIB

FILE 'CAPLUS' ENTERED AT 13:49:28 ON 03 DEC 2007

L4                    1 SEA ABB=ON PLU=ON L1 AND (ANTICONVULSANT OR EPILEPTIC OR  
                         EPILEPSY OR ANTIEPILEPTIC OR ANTIEPILEPSY OR SEIZURE OR  
                         ANTISEIZURE)  
                         D L4 1 TI  
 L5                    7 SEA ABB=ON PLU=ON L1 AND HEDERAGENIN  
                         D L5 1-7 TI  
                         D L5 1-7 IBIB

FILE HOME

FILE BIOSIS

FILE COVERS 1926 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT  
FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 28 November 2007 (20071128/ED)

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FILE COVERS 1907 - 3 Dec 2007 VOL 147 ISS 24

FILE LAST UPDATED: 2 Dec 2007 (20071202/ED)

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SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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92.00

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PASSWORD:

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| NEWS | 2  | APR 04 | STN AnaVist, Version 1, to be discontinued  |
| NEWS | 3  | APR 15 | WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats                                     |
| NEWS | 4  | APR 28 | EMBASE Controlled Term thesaurus enhanced   |
| NEWS | 5  | APR 28 | IMSRESEARCH reloaded with enhancements  |
| NEWS | 6  | MAY 30 | INPAFAMDB now available on STN for patent family searching  |
| NEWS | 7  | MAY 30 | DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option                                   |
| NEWS | 8  | JUN 06 | EPFULL enhanced with 260,000 English abstracts  |
| NEWS | 9  | JUN 06 | KOREAPAT updated with 41,000 documents  |
| NEWS | 10 | JUN 13 | USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications                           |
| NEWS | 11 | JUN 19 | CAS REGISTRY includes selected substances from web-based collections  |
| NEWS | 12 | JUN 25 | CA/CAPplus and USPAT databases updated with IPC reclassification data   |
| NEWS | 13 | JUN 30 | AEROSPACE enhanced with more than 1 million U.S. patent records   |
| NEWS | 14 | JUN 30 | EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations    |
| NEWS | 15 | JUN 30 | STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in                                      |
| NEWS | 16 | JUN 30 | STN AnaVist enhanced with database content from EPFULL  |
| NEWS | 17 | JUL 28 | CA/CAPplus patent coverage enhanced   |
| NEWS | 18 | JUL 28 | EPFULL enhanced with additional legal status information from the epline Register                             |
| NEWS | 19 | JUL 28 | IFICDB, IFIPAT, and IFIUDB reloaded with enhancements   |
| NEWS | 20 | JUL 28 | STN Viewer performance improved   |
| NEWS | 21 | AUG 01 | INPADOCDB and INPAFAMDB coverage enhanced   |
| NEWS | 22 | AUG 13 | CA/CAPplus enhanced with printed Chemical Abstracts page images from 1967-1998                                |
| NEWS | 23 | AUG 15 | CAOLD to be discontinued on December 31, 2008   |
| NEWS | 24 | AUG 15 | CAPplus currency for Korean patents enhanced  |
| NEWS | 25 | AUG 25 | CA/CAPplus, CASREACT, and IFI and USPAT databases enhanced for more flexible patent number searching          |
| NEWS | 26 | AUG 27 | CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information |

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AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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=> file caplus

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|----------------------|------------------|---------------|
| FULL ESTIMATED COST  | 0.21             | 0.21          |

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FILE COVERS 1907 - 14 Sep 2008 VOL 149 ISS 12

FILE LAST UPDATED: 12 Sep 2008 (20080912/ED)

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=> s ((sapindus and (trifoliatus or laurifolius)) or soapberry or "soap berry" or soapnut or "soap nut" or Saboeira) and (water or aqueous) and @d<20020828  
THE ESTIMATED SEARCH COST FOR FILE 'CAPLUS' IS 25.44 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:n  
SEARCH ENDED BY USER

=> s ((sapindus and (trifoliatus or laurifolius)) or soapberry or "soap berry" or soapnut or "soap nut" or Saboeira) and (water or aqueous) and @d<20020828  
THE ESTIMATED SEARCH COST FOR FILE 'CAPLUS' IS 25.44 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:n  
SEARCH ENDED BY USER

=> s ((sapindus and (trifoliatus or laurifolius)) or soapberry or "soap berry" or  
soapnut or "soap nut" or Saboeira) and (water or aqueous) and pd<20020828  
THE ESTIMATED SEARCH COST FOR FILE 'CAPLUS' IS 27.56 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

```

    471 SAPINDUS
    102 TRIFOLIATUS
    153 LAURIFOLIUS
    22 SOAPBERRY
    1 SOAPBERRIES
    22 SOAPBERRY
        (SOAPBERRY OR SOAPBERRIES)
48533 "SOAP"
35219 "SOAPS"
62330 "SOAP"
        ("SOAP" OR "SOAPS")
    8557 "BERRY"
    6212 "BERRIES"
12252 "BERRY"
        ("BERRY" OR "BERRIES")
    6 "SOAP BERRY"
        ("SOAP" (W) "BERRY")
    32 SOAPNUT
    13 SOAPNUTS
    39 SOAPNUT
        (SOAPNUT OR SOAPNUTS)
48533 "SOAP"
35219 "SOAPS"
62330 "SOAP"
        ("SOAP" OR "SOAPS")
14963 "NUT"
    7277 "NUTS"
19485 "NUT"
        ("NUT" OR "NUTS")
    34 "SOAP NUT"
        ("SOAP" (W) "NUT")
    0 SABOEIRA
2771902 WATER
    278174 WATERS
2831262 WATER
        (WATER OR WATERS)
    203636 AQUEOUS
    1 AQUEOUSES
    203637 AQUEOUS
        (AQUEOUS OR AQUEOUSES)
1128542 AQ
    199 AQS
1128663 AQ
        (AQ OR AQS)
1180079 AQUEOUS
        (AQUEOUS OR AQ)
22815228 PD<20020828
        (PD<20020828)
L1      34 ((SAPINDUS AND (TRIFOLIATUS OR LAURIFOLIUS)) OR SOAPBERRY OR
        "SOAP BERRY" OR SOAPNUT OR "SOAP NUT" OR SABOEIRA) AND (WATER
        OR AQUEOUS) AND PD<20020828
```

=> d 11 1-34 ti

L1 ANSWER 1 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Hair mousse compositions

L1 ANSWER 2 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Antimigraine combination comprising Sapindus and Emblica extracts

L1 ANSWER 3 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Agricultural insect repellent from neem oil

L1 ANSWER 4 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Soil flushing using colloidal gas aphron suspensions generated from a plant-based surfactant

L1 ANSWER 5 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Inhibition of cooling water corrosivity by soapnut

L1 ANSWER 6 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Sterilizing detergent compositions capable of coloration-decoloration

L1 ANSWER 7 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Detergent compositions for nursing bottles and tablewares

L1 ANSWER 8 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Degradation of rock phosphates by soapnut

L1 ANSWER 9 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Polishing agents for gold, silver and other noble or rare metals

L1 ANSWER 10 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Effects of additives on surface-activity of soapnut extracts

L1 ANSWER 11 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Surfactant properties of soapnut derivatives

L1 ANSWER 12 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Degradation of rock phosphates by soapnut

L1 ANSWER 13 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Extract from Endod (Phytolacea dodecandra), a soap berry plant, in the making of concrete

L1 ANSWER 14 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Aqueous inks for ball-point pens

L1 ANSWER 15 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Effect of saponin on the physiological characteristics of Spirulina platensis

L1 ANSWER 16 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Effect of saponin on the pigment system of the photosynthetic apparatus in Spirulina platensis

L1 ANSWER 17 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Sapindus trifoliatus extracts

L1 ANSWER 18 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Stabilization of sandy soils by chemical additives. II. Effect of surface active agents on capillary characteristics of sandy soils

L1 ANSWER 19 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Identification of hexachlorophene in galenicals by thin-layer chromatography

L1 ANSWER 20 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Action of Chinese soapberry saponins on blood pressure and cholesterol content in animals

L1 ANSWER 21 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Chemistry of Terminalia species. VIII. Partial synthesis of arjunolic acid

L1 ANSWER 22 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Phytochemical study of the glycoside from *Sapindus trifoliatus*

L1 ANSWER 23 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Saponins from Indian soapnuts

L1 ANSWER 24 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Industrial utilization of saponin as textile auxiliary. I. Wetting and lime soap dispersing properties

L1 ANSWER 25 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI A note on the saponin from *Sapindus laurifolius*

L1 ANSWER 26 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI DDT as a larvicide against *Simulium* (black flies)

L1 ANSWER 27 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Detergent value of soap-nut powder

L1 ANSWER 28 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Extraction of saponin from soap nut

L1 ANSWER 29 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI A study on the properties of the active principles of Indian *Sapindus mukorossi* Gaertner, examination of the methods available for their isolation and development of an experimental method for the extraction of saponin, the water-soluble constituent

L1 ANSWER 30 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Saponin series. II. The saponin of soapnuts

L1 ANSWER 31 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Saponin series. I. The saponin of horse chestnuts

L1 ANSWER 32 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI Annual report of the Agricultural Station, Gurdaspur

L1 ANSWER 33 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI WASHING COMPOUND

L1 ANSWER 34 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 TI IMPROVEMENT IN TOOTH-POWDERS OR DENTIFRICES

=> d 11 15, 16, 17, 22, 23, 25, 28 ibib

L1 ANSWER 15 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1988:183464 CAPLUS Full-text  
 DOCUMENT NUMBER: 108:183464  
 ORIGINAL REFERENCE NO.: 108:30065a,30068a  
 TITLE: Effect of saponin on the physiological characteristics  
 of *Spirulina platensis*  
 AUTHOR(S): Ignat'evskaya, M. A.; Tkhukral, A. K.; Burdin, K. S.  
 CORPORATE SOURCE: Biol. Fac., Moscow State Univ., Moscow, USSR  
 SOURCE: Fiziologiya Rastenii (Moscow) (1988), 35(2),  
 385-92  
 CODEN: FZRSBV; ISSN: 0015-3303  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Russian

L1 ANSWER 16 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1988:128758 CAPLUS Full-text  
 DOCUMENT NUMBER: 108:128758  
 ORIGINAL REFERENCE NO.: 108:21057a,21060a  
 TITLE: Effect of saponin on the pigment system of the  
 photosynthetic apparatus in *Spirulina platensis*  
 AUTHOR(S): Tkhukral, A. K.; Ignat'evskaya, M. A.; Burdin, K. S.  
 CORPORATE SOURCE: Biol. Fac., Moscow State Univ., Moscow, USSR  
 SOURCE: Fiziologiya Rastenii (Moscow) (1988), 35(1),  
 144-9, 2 plates  
 CODEN: FZRSBV; ISSN: 0015-3303  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Russian

L1 ANSWER 17 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1982:187102 CAPLUS Full-text  
 DOCUMENT NUMBER: 96:187102  
 ORIGINAL REFERENCE NO.: 96:30751a,30754a  
 TITLE: *Sapindus trifoliatus* extracts  
 INVENTOR(S): Lal Anand, Chaman  
 PATENT ASSIGNEE(S): UK  
 SOURCE: Brit. UK Pat. Appl., 4 pp.  
 CODEN: BAXXDU  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.             | KIND | DATE     | APPLICATION NO. | DATE         |
|------------------------|------|----------|-----------------|--------------|
| -----                  | ---- | -----    | -----           | -----        |
| GB 2081580             | A    | 19820224 | GB 1980-25840   | 19800807 <-- |
| PRIORITY APPLN. INFO.: |      |          | GB 1980-25840   | A 19800807   |

L1 ANSWER 22 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1955:57310 CAPLUS Full-text  
 DOCUMENT NUMBER: 49:57310  
 ORIGINAL REFERENCE NO.: 49:11095h-i  
 TITLE: Phytochemical study of the glycoside from  
*Sapindus trifoliatus*  
 AUTHOR(S): Dutta, N. L.  
 CORPORATE SOURCE: Natl. Chem. Lab. India, Poona  
 SOURCE: Journal of Scientific & Industrial Research (  
 1954), 13B, 885-6  
 CODEN: JSIRAC; ISSN: 0022-4456  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Unavailable



L1 ANSWER 23 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1955:3190 CAPLUS Full-text  
DOCUMENT NUMBER: 49:3190  
ORIGINAL REFERENCE NO.: 49:646f-g  
TITLE: Saponins from Indian soapnuts  
AUTHOR(S): Gedeon, J.  
CORPORATE SOURCE: Natl. Chem. Lab. India, Poona  
SOURCE: Journal of Scientific & Industrial Research (  
1954), 13B, 427-8  
CODEN: JSIRAC; ISSN: 0022-4456  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

L1 ANSWER 25 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1949:5247 CAPLUS Full-text  
DOCUMENT NUMBER: 43:5247  
ORIGINAL REFERENCE NO.: 43:1156e-f  
TITLE: A note on the saponin from Sapindus  
laurifolius  
AUTHOR(S): Biswas, H. G.  
SOURCE: J. Indian Chem. Soc. (1948), 25, 151-2  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

L1 ANSWER 28 OF 34 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1939:39611 CAPLUS Full-text  
DOCUMENT NUMBER: 33:39611  
ORIGINAL REFERENCE NO.: 33:5593d-f  
TITLE: Extraction of saponin from soap nut  
AUTHOR(S): Sarin, J. L.; Beri, M. L.  
SOURCE: Journal of Industrial and Engineering Chemistry  
(Washington, D. C.) (1939), 31, 712-13  
CODEN: JIECAD; ISSN: 0095-9014  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

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through 1968. These records have been re-indexed to match current BIOSIS indexing.

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    345 SAPINDUS
    98 TRIFOLIATUS
    165 LAURIFOLIUS
    41 SOAPBERRY
    3748 "SOAP"
    1211 "SOAPS"
    4593 "SOAP"
        ("SOAP" OR "SOAPS")
    6707 "BERRY"
    5222 "BERRIES"
    10052 "BERRY"
        ("BERRY" OR "BERRIES")
    5 "SOAP BERRY"
        ("SOAP" (W) "BERRY")
    22 SOAPNUT
    3748 "SOAP"
    1211 "SOAPS"
    4593 "SOAP"
        ("SOAP" OR "SOAPS")
    9273 "NUT"
    4757 "NUTS"
    12349 "NUT"
        ("NUT" OR "NUTS")
    14 "SOAP NUT"
        ("SOAP" (W) "NUT")
    0 SABOEIRA
    797373 WATER
    82264 WATERS
    839428 WATER
        (WATER OR WATERS)
    116423 AQUEOUS
    15048995 PD<20020828
        (PD<20020828)
L2      14 ((SAPINDUS AND (TRIFOLIATUS OR LAURIFOLIUS)) OR SOAPBERRY OR
        "SOAP BERRY" OR SOAPNUT OR "SOAP NUT" OR SABOEIRA) AND (WATER
        OR AQUEOUS) AND PD<20020828
```

=> d 12 1-14 ti

```

L2      ANSWER 1 OF 14  BIOSIS  COPYRIGHT (c) 2008 The Thomson Corporation  on STN
TI      Soil flushing using colloidal gas aphron suspensions generated from a
        plant-based surfactant.

L2      ANSWER 2 OF 14  BIOSIS  COPYRIGHT (c) 2008 The Thomson Corporation  on STN
TI      Effect of pre-sowing treatments on the seed germination of
        Sapindus mukorossi Gaertn. and Sapindus
        trifoliatus L. (Sapindaceae).

L2      ANSWER 3 OF 14  BIOSIS  COPYRIGHT (c) 2008 The Thomson Corporation  on STN
TI      Antifouling property of the fruits of Randia brandisii (Rubiaceae) and
        Sapindus trifoliatus (Sapindaceae).

L2      ANSWER 4 OF 14  BIOSIS  COPYRIGHT (c) 2008 The Thomson Corporation  on STN
TI      ENDOD IS LETHAL TO ZEBRA MUSSELS AND INHIBITS THEIR ATTACHMENT.

L2      ANSWER 5 OF 14  BIOSIS  COPYRIGHT (c) 2008 The Thomson Corporation  on STN
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TI SCREENING OF CRUDE DRUGS USED IN BANGLADESH FOR NEMATOCIDAL ACTIVITY ON THE LARVA OF TOXOCARA-CANIS.

L2 ANSWER 6 OF 14 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
 TI SEED GERMINATION CHARACTERISTICS OF SELECTED NATIVE PLANTS OF THE LOWER RIO GRANDE VALLEY TEXAS USA.

L2 ANSWER 7 OF 14 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
 TI PHYSIOLOGICAL CHARACTERISTICS OF SPIRULINA-PLATENSIS AS AFFECTED BY SAPONIN.

L2 ANSWER 8 OF 14 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
 TI EFFECT OF SAPONIN ON THE PIGMENT SYSTEM OF PHOTOSYNTHETIC APPARATUS IN SPIRULINA-PLATENSIS.

L2 ANSWER 9 OF 14 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
 TI GERMINATION OF WESTERN SOAFEBERRY SAPINDUS-DRUMMONDII AS AFFECTED BY SCARIFICATION AND STRATIFICATION.

L2 ANSWER 10 OF 14 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
 TI SCREENING OF INDIAN PLANTS FOR ANTI FERTILITY ACTIVITY.

L2 ANSWER 11 OF 14 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
 TI EFFECT OF WATER SOLUBLE FRACTION OF CERTAIN NATURAL SUBSTANCES ON UREDINIO SPORE GERMINATION IN PUCCINIA-RECONDITA.

L2 ANSWER 12 OF 14 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
 TI A note on the saponin from Sapindus laurifolius, Vahl.

L2 ANSWER 13 OF 14 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
 TI Etude des proprietes insecticides de plantes guyanaises.

L2 ANSWER 14 OF 14 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
 TI DDT as a larcicide against Simulium.

=> d l2 11 ibib

L2 ANSWER 11 OF 14 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN

ACCESSION NUMBER: 1977:101696 BIOSIS Full-text  
 DOCUMENT NUMBER: PREV197713101696; BR13:101696  
 TITLE: EFFECT OF WATER SOLUBLE FRACTION OF CERTAIN NATURAL SUBSTANCES ON UREDINIO SPORE GERMINATION IN PUCCINIA-RECONDITA.

AUTHOR(S): SATHE A V; RAHALKAR S R  
 SOURCE: Biovigyanam, (1975) Vol. 1, No. 2, pp. 157-159.  
 ISSN: 0250-507X.

DOCUMENT TYPE: Article  
 FILE SEGMENT: BR  
 LANGUAGE: Unavailable

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FILE 'CAPLUS' ENTERED AT 10:17:15 ON 14 SEP 2008

L1 34 SEA ABB=ON PLU=ON ((SAPINDUS AND (TRIFOLIATUS OR LAURIFOLIUS)  
 ) OR SOAPBERRY OR "SOAP BERRY" OR SOAPNUT OR "SOAP NUT" OR  
 SABOEIRA) AND (WATER OR AQUEOUS) AND PD<20020828  
 D L1 1-34 TI  
 D L1 15, 16, 17, 22, 23, 25, 28 IBIB

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L2 14 SEA ABB=ON PLU=ON ((SAPINDUS AND (TRIFOLIATUS OR LAURIFOLIUS)  
 ) OR SOAPBERRY OR "SOAP BERRY" OR SOAPNUT OR "SOAP NUT" OR  
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 D L2 1-14 TI  
 D L2 11 IBIB

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